

GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: December 25, 2002, 01:15:07 ; Search time 20 Seconds  
(without alignments)

347.005 Million cell updates/sec

Title: US-09-708-724a-2

Perfect score: 2187

Sequence: 1 MGPSVVVLCGRKQLGAL.....LLAVTREGLERRRIISRRAE 414

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 106657 seqs, 16763532 residues

Total number of hits satisfying chosen parameters: 106657

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

#### Database :

Published Applications\_AA:\*

- 1: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*
- 2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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2	118	5.4	482	Sequence 513, App
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13	118	5.4	482	Sequence 513, App
14	118	5.4	482	Sequence 513, App
15	118	5.4	482	Sequence 513, App
16	118	5.4	482	Sequence 513, App
17	111	5.1	1481	US-09-371-900-40
18	111	5.1	1481	US-09-924-417-60
19	110.5	5.1	1213	US-09-969-515-8

20	110.5	5.1	1224	10	US-09-969-515-2	Sequence 2, Appli
21	109	5.0	1002	9	US-09-988-117-3	Sequence 3, Appli
22	109	5.0	1002	10	US-09-812-471-3	Sequence 3, Appli
23	109	5.0	1002	10	US-09-812-633-3	Sequence 3, Appli
24	108.5	5.0	945	8	US-08-965-272-2	Sequence 2, Appli
25	108.5	5.0	945	12	US-10-121-882-2	Sequence 2, Appli
26	108.5	5.0	1231	9	US-09-945-901-48	Sequence 48, Appl
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28	108.5	5.0	1236	9	US-09-945-901-6	Sequence 6, Appli
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32	108	4.9	1219	9	US-09-945-901-50	Sequence 50, Appl
33	108	4.9	1219	9	US-10-007-747-50	Sequence 50, Appl
34	108	4.9	1239	9	US-09-945-901-52	Sequence 52, Appl
35	108	4.9	1239	9	US-10-007-747-52	Sequence 52, Appl
36	108	4.9	1244	9	US-09-945-901-46	Sequence 46, Appl
37	108	4.9	1244	9	US-10-007-747-46	Sequence 46, Appl
38	108	4.9	2665	10	US-09-864-761-34248	Sequence 34248, A
39	107	4.9	976	10	US-09-969-528-2	Sequence 2, Appli
40	106	4.8	1320	12	US-10-124-557-46	Sequence 46, Appl
41	106	4.8	1320	12	US-10-124-557-60	Sequence 60, Appl
42	106	4.8	1361	12	US-10-124-557-40	Sequence 40, Appl
43	105.5	4.8	2894	10	US-09-941-611-23	Sequence 23, Appl
44	104.5	4.8	785	10	US-09-801-368-122	Sequence 122, App
45	104.5	4.8	881	10	US-09-816-860A-2	Sequence 2, Appli

#### ALIGNMENTS

#### RESULT 1

US-09-864-761-44837  
; Sequence 44837, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
; FILE REFERENCE: Aecmica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
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; PRIOR FILING DATE: 2001-01-29
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; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.8
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.88
; OTHER INFORMATION: EST HUMAN HIT: AW138646.1, EVALUE 5.00e-29
; OTHER INFORMATION: SWISSPROT HIT: P10263, EVALUE 1.80e-01
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US-09-864-761-44837

Query Match 11.7%; Score 256; DB 10; Length 133;
Best Local Similarity 68.0%; Pred. No. 8e-13;
Matches 51; Conservative 6; Mismatches 18; Indels 0; Gaps 0;

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QY 296 TAGEPLGHCTFTIS 310
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RESULT 2
US-09-992-598-513
; Sequence 513, Application US/09992598
; Patent No. US20020160384A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C20
; CURRENT APPLICATION NUMBER: US/09/992,598
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
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; PRIOR FILING DATE: 1998-07-09  
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Best Local Similarity 21.9%; Pred. No. 0.13;  
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Qy 130 YAVAAASAAEAHWRHLVLLSGQIHEPIGSGGNIINTNKGSRCONPAL---PSPDQSPS 186  
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RESULT 3  
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; Sequence 513, Application US/09989293A  
; Patent No. US20020177164A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Bolstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney,Austin L.  
APPLICANT: Kijavin,Ivar J.  
APPLICANT: Napier,Mary A.  
APPLICANT: Pan,James  
APPLICANT: Paoni,Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C66  
CURRENT APPLICATION NUMBER: US/09/989,293A  
CURRENT FILING DATE: 2001-11-20  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
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; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 9; Length 482;

Best Local Similarity 21.9%; Pred. No. 0.13; Mismatches 152; Indels 122; Gaps 15;

Matches 89; Conservative 44;

QY 42 AQNLMTQNPTLPVSHPGNAVSV-----TGGDCHLP----- 77  
DB 32 ADTAMTDDTEVPAT--LAPGHALEQTLSAETSSRASTPAGPIPEATRGAKRISPA 89  
QY 78 -----TEEEFVGVOSMKDVTIRKVLQGPPTAPPLMTSEGNVTAEDTEEAIRAFV 129  
DB 90 RETRSFTKTSFNMVLI-ATSVETSAAGSPGAG-----MTTVQITGSDPEEAIFDPL 143  
QY 130 YAVAAASAAEAHWRHVLVLSQIHEPICSGGNIINTNKGSSCONPAL---PSPDQSPS 186  
DB 144 CPDDSEERAKTUMDILTAH-----TSTEAKGLSSESSASSDGPHPVITPS 190  
QY 187 GNATTSVTRDNYHLLTEEEFVGVOSMKWHSONKGGVVPVPGTQPCSEQILKESVP 246  
DB 191 RASESSASSDGH-----PVITPSRASESSASSDGPHPVITPSWSPGSDVTLAEALV 243  
QY 247 PPTTKENNKQERDENWRLPPPPVAETPVSPSVTEIETPLQRIPTRA---TIAGEPLG 303  
DB 244 -----TVTNIEVINCSITEIETTSSIPGASDIDLIPTIEGVK 280  
QY 304 HCTFTISPAFVHVLNKRKQLELLREVIEWPGRGHMAATCCKLOVEGQDRTMSLAAPV 363  
DB 281 ASSTDPPALPDST-----EAKPHIT-----EVTASAEFTLSAGTTE 317  
QY 364 REAP-----PPPTGASSEPSVPALPGADPORSAEILLLVATREGLE 404  
DB 318 SAAPHATVGTPLPTNSATEREVTA-PGATTLSGA---LVTVSRNPLE 360

RESULT 4  
US-10-066-500-63  
; Sequence 63, Application US/10066500  
; Patent No. US20020177165A1  
; GENERAL INFORMATION:  
; APPLICANT: Avi J. Ashkenazi  
; APPLICANT: Kevin P. Baker  
; APPLICANT: David A. Botstein  
; APPLICANT: Luc Desnoyers  
; APPLICANT: Dan L. Eaton  
; APPLICANT: Napoleone Ferrara  
; APPLICANT: Sherman Fong  
; APPLICANT: Wei-Qiang Gao  
; APPLICANT: Hanspeter Gerber  
; APPLICANT: Mary E. Gerritsen  
; APPLICANT: Audrey Goddard  
; APPLICANT: Paul J. Godowski  
; APPLICANT: Austin L. Gurney  
; APPLICANT: Ivar J. Kijavlin  
; APPLICANT: Jennie P. Mather  
; APPLICANT: Mary A. Napier  
; APPLICANT: James Pan  
; APPLICANT: Nicholas F. Paoni  
; APPLICANT: Margaret Ann Roy  
; APPLICANT: Timothy A. Stewart  
; APPLICANT: Daniel Tumas  
; APPLICANT: Colin K. Watanabe  
; APPLICANT: P. Mickey Williams  
; APPLICANT: William I. Wood  
; APPLICANT: Zemin Zang  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3130R1C7  
; CURRENT APPLICATION NUMBER: US/10/066,500  
; CURRENT FILING DATE: 2002-02-01  
; PRIOR APPLICATION NUMBER: 10/002,796  
; PRIOR FILING DATE: 2001-11-15  
; PRIOR APPLICATION NUMBER: 60/056974  
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6	PRIOR APPLICATION NUMBER: 60/089948	
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9	PRIOR FILING DATE: 1998-06-19	
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11	PRIOR FILING DATE: 1998-06-22	
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61	PRIOR FILING DATE: 1998-07-02	
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64	PRIOR APPLICATION NUMBER: 60/091633	
65	PRIOR FILING DATE: 1998-07-02	
66	PRIOR APPLICATION NUMBER: 60/091978	
67	PRIOR FILING DATE: 1998-07-07	
68	PRIOR APPLICATION NUMBER: 60/091982	
69	PRIOR FILING DATE: 1998-07-07	
70	PRIOR APPLICATION NUMBER: 60/092182	
71	PRIOR FILING DATE: 1998-07-09	

Query Match	5.4%	Score 118;	DB 10;	Length 482;
Best Local Similarity	21.9%;	Prod. No. 0.13;		
Matches	89;	Conservative	44;	Mismatches 152; Indels 122; Gaps 15;
Qy	42	AQNLMTQNPTLPVSVSHRSPGNAVSV-----TGGDCHLP-----	77	
Db	32	ADTAMTTDDTEVPAMT--LAPGHAALFTQLSAETSSRASTPACPIPEAETRGAKRISPA	89	
Qy	78	-----TEEEFGLVQSMKCDVRIRKGLVQGPPTTAPPLMTSEGNVTADEEAEIRAFV	129	
Db	90	RETRSFTKTSPNFWLII-ATSVETSAASGSGPEGAG-----MTVTOTITGSDPEEAIFDTL	143	
Qy	130	YAVAAASAAEAHWHRHLVLLSGQTHEIPGSGNLIINTKGRSCQNAL---PSPDOSPS	186	
Db	144	CTDDSEBAKTLTMDIITLAH-----TSTEAKGLSESSASSDGPHPVITPS	190	
Qy	187	GNATVTSVTRONYHLLTEEEFGVWSQSMKWHSONKSGGVPVGRPTQPCSESQLKESFV	246	
Db	191	RASISSASSDGP-----PVITPSRASESSASSDGPHPVITPSWSPGSDVTLLEALV	243	
Qy	247	PPTTPKNNKOEREDENWRUPPPVAETPVDPSPVTEITPLQIRPTA---TIAGEPLG	303	
Db	244	-----TVNIEVNCISITETITETTSIPGASDIDLITPEGVK	280	
Qy	304	HCTETISPAFVHSLNKRKRROLELLREVEWPVGRGHMAATCKKIQVEGQDRTMSLAAPV	363	
Db	281	ASSTSDPPALPDST-----EAKPHIT-----EVTASAETLTAGTTE	317	
Qy	364	REAP-----PPPTGASSESPVAPALGADPQRSALLLLAVTREGLE	404	
Db	318	SAAPHATVGNPLPNASATAREVTA-PGATTLISGA---LVTVSRNPLE	360	

## RESULT 6

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US/09-989-723-513
Sequence 513, Application US/09989723
Patent No. US2002072092A1
GENERAL INFORMATION:
APPLICANT: Askenazi, Avi. J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsens, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Tra
FILE OF INVENTION: Acids Encoding
FILE REFERENCE: P2730P1C62
CURRENT APPLICATION NUMBER: US/09/989
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186

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;; PRIOR FILING DATE: 1998-07-01  
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;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091544  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091626  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091633  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091978  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/092182  
;; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 10; Length 482;

Best Local Similarity 21.9%; Pred. NO. 0.13;

Matches 89; Conservative 44; Mismatches 152; Indels 122; Gaps 15;

QY 42 AQLNLTQCNPLPSVSHRPPGNAVSV-----TGGDCHLP----- 77

Db 32 ADTAMTDDTEVPAMT--LAPGHAALETOTLSAETSSRASTPAGPIPEAETRGAKRISPA 89

QY 78 -----TEEFGLVQSMKCDTVRIKGVLOQTTAPPLMTSEGNVTAEDTEEAIRAFV 129

Db 90 RETRSFTKSPNFWLI-ATSVETSAAGSPGAG-----MTVTQITGSDPEEALFDPL 143

QY 130 YAVAASAAEAHWRHVLVLSQIHEPTGSGGNIWNKGRSCQNPAL---PSPDQSPS 186

Db 144 CTDDSEEAKTITMDITLTAH-----TSTEAKGLSSASSSDGPHPVITPS 190

QY 187 GNATSVTRDNVHLLTEEFVWGSQSMKWHSONKSGSVVRGPTQEPCESEQILKESFV 246

Db 191 RASESASSDGFH-----PWITSRASESASSDGFHPVITPSPGSDVTLLAEALV 243

QY 247 PPTTKENNKQEREDENRWRPPVPAETVPSPSVTEIETPLQRIPTA---TIAGEPIG 303

Db 244 -----TVNIEVINCSITEIETITSSIPGASDIDLITEGVK 280

QY 304 HCTFTTSPAFVSVLNKRQLELLREVENPGRGHMAATCKQLVEGQDRTMSAAAPV 363

Db 281 ASSTSDPPALPDST-----EAKPHIT-----EVTASAETLSTAGTTE 317

QY 364 REAP-----PPTGASSEPSVPALPGADPQRSALLLLVAVTREGLE 404

Db 318 SAAPHATVGTPLTNSATEREVTA-PGATTLGSA---LVTVSRNPLE 360

#### RESULT 7

US-09-989-279-513

; Sequence 513, Application US/09989279

; Patent No. US20020072496A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Watanabe, Colin K.  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2730P1C56  
;; CURRENT APPLICATION NUMBER: US/09/989,279  
;; CURRENT FILING DATE: 2001-11-19  
;; PRIOR APPLICATION NUMBER: 60/049787  
;; PRIOR FILING DATE: 1997-06-16  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/065186  
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30	PRIOR FILING DATE:	1998-07-07
31	PRIOR APPLICATION NUMBER:	60/091982
32	PRIOR FILING DATE:	1998-07-07
33	PRIOR APPLICATION NUMBER:	60/092182
34	PRIOR FILING DATE:	1998-07-09

Query Match	5.4%;	Score 118;	DB 10;	Length 482;
Best Local Similarity	21.9%;	Pred. No. 0.13;		

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Db	90	RETRSFYKTPGNFMYLI-ATSVETSAAGSPEGAG-----MTTVQITIGSDPEAIFDTL	143
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Qy	130	YAVAAASAAABAWHRHLVLLSQIHEPIGSGGNIINTKGRSSCONPAL---PSPQSPS	186
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Db	144	CTDDSSBAEATLMDIITLAH-----TSTEAKGLSESSASSDGHFVITPS	190
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Qy	187	GNATTSVTRDNYHLHLLTEEEFGVWSQSMKWHSONKSGSVPVGRPTQBPCEISOILKESFV	246
		: : :	
Db	191	RASESSASSDGP-----PVITPSRAESSASSDGHFVITPSWSPGSDVTLLEALV	243
		: : :	
Qy	247	PPTPKENKQEREDENWRLLPPPPVAETPVPSVSVTETPLQRIPTA---PIAGEPLG	303
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Db	244	-----TVTNIEWINCISITEITTSIPGASDIDLPIETGVK	280
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Qy	304	HCTETSPAFVHSLNKRKRQLELLLEVEWPCRGHMAATCCKLOVBGQDRTMSLAAPV	363
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Db	281	ASSTSDPPALPDST-----EAKPHIT-----EVTASAEITLSTAGTTE	317
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Qy	364	REAP-----PPPTGASSEPSVPALPGADPQSAELLLLAVTREGLE	404
		: : :	
Db	318	SAAPHATVGTPLPTNSAREVTA-PCGATILSGA---LVTVSRNPLE	360

RESULT 8  
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; Sequence 513, Application US/09989727  
; Patent No. US20020072497A1  
; GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C65  
CURRENT APPLICATION NUMBER: US/09/989,727  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
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;; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 10; Length 482;

Best Local Similarity 21.9%; Pred. No. 0.13;

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QY 130 YAVAAASAAEAHWRHLVLLSGQIHEPIGSGNINTNKGRSCONPAL---PSPDQSPS 186  
DB 144 CTDDSEERAKTLTMDILLTAH-----TSTEAKGLSSSESSASSDGHPPVITPS 190  
QY 187 GNATTSVTDNYHLLTEEEFGVWSQMKWHQNSKGGVPPVGRPTQEPCESEQILKESFV 246  
DB 191 RASESSASSDGH-----PVITPSRASESSASSDGHPPVITPSWPGSDVTLLEALV 243  
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DB 281 ASSTDPPALPDST-----BAKPHIT-----EVTASAETLSTAGTTE 317  
QY 364 REAP-----PPPTGASSEPSVPALPGADPQPSAEALLLAVTREGLE 404  
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; Sequence 513, Application US/09989731  
; Patent No. US20020103125A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
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; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730PIC70  
; CURRENT APPLICATION NUMBER: US/09/989,731  
; CURRENT FILING DATE: 2001-11-20  
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; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 10; Length 482;  
Best Local Similarity 21.9%; Pred. No. 0.13;  
Matches 89; Conservative 44; Mismatches 152; Indels 122; Gaps 15;

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Db 32 ADTAMTTDDTEVPAMT--LAPGHAALFTQTLTSAETSSRASTPAGPIPEAETGAKRISPA 89
Qy 78 -----TEEGFVLVQSMKCDIVRKGVLOGTTPAPPLMTSGNVTAEETEAIRAFV 129
Db 90 RETRSFTKTSNFMVLI--ATSVETSAASGSPGAG-----NTTQTITGSDPEEAIFDTL 143
Qy 130 YAVAAASAAEAWHRHLVLLSGQIHEPIGSGGNIINTKNGRSCQNPAL---PSPDOSPS 186
Db 144 CTDSSEAKLTWMDILTLAH-----TSFEAKLSSESSASSGDPHPVITPS 190
Qy 187 GNATTSVRDNYHLLTEEEFGVQSMKWHQSNKSGSVYRGTPQEPSCSEQLKESFV 246
Db 191 RASESSASSDGP-----PVITPSRASESSASSDGPHPVITPSWSPGSDVTLLEALV 243
Qy 247 PPTPKENKQEREDENWRLLPPVPAETPPVSPSVTEITPLQIRPTA---TTAGEPLG 303
Db 244 -----TWNIEVINCSITEIETTTSIPGASDIDLIPTEGVK 280
Qy 304 HCTFTISPAFVHVLNKRKRQLELLREVWPGRGHMAATCCKLQVEGQDRMTSLAAAPV 363
Db 281 ASSVSDPALPDSF-----EAKPHIT-----EVTASATLSTAGTTE 317
Qy 364 REAP-----PPPTGASSEVPALPGADPQRSAELELLAVTREGLE 404
Db 318 SAAPHATVGTPLPTNSATEREVTA--PGATTLGSA---LVTYSRNPLE 360

RESULT 10
US-09-989-732-513
; Sequence 513, Application US/09989732
; Patent No. US20020123463A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
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; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P27301C57
; CURRENT APPLICATION NUMBER: US/09/989,732
; CURRENT FILING DATE: 2001-11-19
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; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 10; Length 482;  
Best Local Similarity 21.9%; Pred. No. 0.13;  
Matches 89; Conservative 44; Mismatches 152; Indels 122; Gaps 15;

QY 42 AONLMTCONPLPSVSHRSPGNAASV-----TGGDCHLP----- 77  
Db 32 ADTAMTTDDTEVPAMT--LAPGHAALQTLSAETSSRASTPAGPIPEAETRGAKRISPA 89  
QY 78 -----TEEEFGLVQSMKCDTVRIKVGLOGPTTAPLMTSEGNVTAEDTEEAIRAFV 129  
Db 90 RETRFTKTSFPMFVLI-ATSVETSAASGSPGAG-----MTVTITGSDPEEAIFDTL 143  
QY 130 YAVAAASAAEAHWRHLVLLSGQIHEPIGSGGNIINTNKGSRCONPAL---PSPDQSPS 186  
Db 144 CTDDSSSEAKTLTMDILTIAH-----TSTEAKGLSSSESSASSDGDGPHVITPS 190  
QY 187 GNATTSVTRDNYHLLTEEEFGVMSOMKWHSONKSGGVPVGRGTQPCSESQIILKESFV 246  
Db 191 RASESSASSDGP-----PVITPSRASESSASSDGPVITPSWSPGSDVTLLEALV 243  
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Db 244 -----TVTNIEVINCSITEIETITSSIPGASDIDLITTEGVK 280  
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QY 364 REAP-----PPPTCASSEPSVPALPGADPQRSAEILLAVTREGLE 404  
Db 318 SAAPHATVGTPLPTNSATEREVTA-PGATTLGSA---LVTVSRNPLE 360

RESULT 11

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; Patent No. US20020127576A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
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; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
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; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey



; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730PlC15  
; CURRENT APPLICATION NUMBER: US/09/991.073  
; CURRENT FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/049787  
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; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

## Query Match

Best Local Similarity 5.4%; Score 118; DB 10; Length 482;

Matches 89; Conservative 44; Mismatches 153; Indels 122; Gaps 15;

QY 42 AQNLMTQNPPLPSVSHRSPGNAVSV-----TGGDCHLP----- 77  
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QY 78 -----TEEEFGLVQSMKCDTVRIKGVLOGPTTAPPLMTSEGNVTAEDTEEAIRAFV 129  
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QY 130 YAVAAASAAEAWHRHVLSSQIHEPIGSGGNIINTNGKRSQNPAL---PSPDQSPS 186  
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QY 187 GNATSVTRDNVHLLTEEEFVWSQSMKWHSONKSGSVVPRGPTQEPCESEQIILKEFV 246  
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DB 318 SAAPHATVGTPLPTNSATEREYTA-PGATTLTSGA---LVTVSRNPLE 360

## RESULT 12

US-09-990-442-513

; Sequence 513, Application US/09990442

; Patent No. US20020132252A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

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; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730PLC8  
; CURRENT APPLICATION NUMBER: US/09/990.442  
; PRIOR FILING DATE: 2001-11-14  
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; PRIOR FILING DATE: 1997-06-16  
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Sequence 513, Application US/09991163			
Patent No. US20020132253A1			
GENERAL INFORMATION:			
APPLICANT: Ashkenazi, Avi J.			
APPLICANT: Baker, Kevin P.			
APPLICANT: Botstein, David			
APPLICANT: Desnoyers, Luc			
APPLICANT: Eaton, Dan L.			
APPLICANT: Ferrara, Napoleone			
APPLICANT: Fong, Sherman			
APPLICANT: Gerber, Hanspeter			
APPLICANT: Gerritsen, Mary E.			
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APPLICANT: Godowski, Paul J.			
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APPLICANT: Gurney, Austin L.			
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APPLICANT: Napier, Mary A.			
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APPLICANT: Paoni, Nicholas F.			
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APPLICANT: Stewart, Timothy A.			
APPLICANT: Tumas, Daniel			
APPLICANT: Watanabe, Colin K.			
APPLICANT: Williams, P. Mickey			
APPLICANT: Wood, William I.			
APPLICANT: Zhang, Zemin			
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
TITLE OF INVENTION: Acids Encoding the Same			
FILE REFERENCE: P2730PIC17			
CURRENT APPLICATION NUMBER: US/09/991,163			
CURRENT FILING DATE: 2001-11-14			
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 10; Length 482;
Best Local Similarity 21.9%; Pred. No. 0.13;
Matches 89; Conservative 44; Mismatches 152; Indels 122; Gaps 15;

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Qy 187 GNATSVTRDNYHLITETEEFGVWSQMKWHSONKSGGVPVPGTQEPCESEQILKESFV 246
Db 191 RASSESSASDGP-----PVITPSRASESSASDGPHPVITPSWSPGSDVTLAEALV 243
Qy 247 PPTTPKENNKQEREDENWRLPPPPVAETPPVSPSPVTEITPLQIRPTA---TIAGEPLG 303
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Qy 304 HCTFTISPAFVHSLNKKRQLELLREVENPGRGHMAATCKCKLOVEGQDRMTSLAAAPV 363
Db 281 ASSTDPPALPDST-----EAKPHIT-----EVTASAETLSAGTTE 317
Qy 364 REAP-----PPPTGASSEPSVPALPGADPQRSAEALLLAVTREGLE 404
Db 318 SAAPHATVGTPLPINSATEREVTA-PGATTLGSA---LVTYSRNPLE 360

RESULT 14
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; Sequence 513, Application US/09993604
; Patent No. US20020137075A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaud, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C25
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; CURRENT FILING DATE: 2001-11-14
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; PRIOR FILING DATE: 1998-07-09

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; Sequence 513, Application US/09990456
; Patent No. US20020137890A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoli, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C22

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; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Query Match 5.4%; Score 118; DB 10; Length 482;  
Best Local Similarity 21.9%; Pred. No. 0.13;  
Matches 89; Conservative 44; Mismatches 152; Indels 122; Gaps 15;

Qy 42 AQLMTCQNPILPSVSHRPPGNAAVSV-----TGGDCHLP----- 77  
Db 32 ADTAMTDDTEVPAMT--LAPGHALETQTLAETSSRASTPAGPIPEAETRGAKRISPA 89  
Qy 78 -----TEEEFGLVOSMKCDTVRIKGVLOGPTTAPPLMTSEGNVTAEDTEAIRAFV 129  
Db 90 RETRSFTKTSNFMVLI-ATSVETSAASGSPGAG-----MTTVOTITGSDPEEAFDPL 143  
Qy 130 YAVAAASAAEAHWRHVLVLLSGQIHEPIGSGGNIINTNKGSRCONPAL---PSPDQSPS 186  
Db 144 CTDDSSSEAKTLTMDILTIAH-----TSTEAKGLSSSESSASSDGPHPVITPS 190  
Qy 187 GNATSVTRDNVHLLTEEEFGVWSOSMKWHSONKSGGSPVVRGPTQEPCESEQILKESEFV 246  
Db 191 RASESSASSDGP-----PVITPSRASESSASSDGPHPVITPSWSPGSDVTLLEALV 243  
Qy 247 PPTTKENNKQEREDENWRLEPPPPVAETPVSPSVTEIETPLQIPRTA---TIAGEPLG 303  
Db 244 -----TVNIEVINCSITEIETTSSIPGASDIDLIPTEGVK 280  
Qy 304 HCTFTISPAFVSHVNLKRRKQLELLREVEWPGRGHMAATCKLQVEGQDRMTSLAAAPV 363  
Db 281 ASSTDPPALPDST-----EAKPHIT-----EVTASAETLSTAGTTE 317  
Qy 364 REAP-----PPPTCASSEPSVPALPGADPQRSALLLAVTREGLE 404  
Db 318 SAAPHATVGTPLPTNSATEREVTA-PGATTLGSA---LVTVSRNPLE 360

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